## **NETGEAR GS524UP Unmanaged Gigabit Ethernet (10/100/1000)** Power over Ethernet (PoE) 1U Grey

**Brand: NETGEAR** Product code: GS524UP-100NAS

Product name: GS524UP

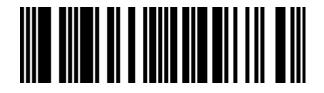
- PLUG-AND-PLAY Simple set up with no software or configuration needed
- POWER-OVER-ETHERNET: impressive 480W PoE budget with 16 Ultra60 PoE++ ports and 8 PoE+ ports to power wireless AP, 4K/8K IP Cameras, LED lights, IoT devices, and much more
- COMPACT, FLEXIBLE FORM FACTOR Small case with internal power supply and whisper-quiet fans, perfect for desktop, wall-mount, or rackmount deployment
- EASY-MONITORING Per port LEDs for port activity and speed
- GIGABIT ETHERNET 24 auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with up to 48Gb nonblocking switching
- PoE AUTO-BALANCE unique PoE technology automatically balances the PoE power based on the device needs independent of PoE class detected. The switches deliver the power the device needs, at the most granular level

Gigabit Unmanaged Switch Series (GS524UP) 24-Port Gigabit Ethernet High-Power PoE+ Unmanaged Switch with 16-Ports PoE++ (480W)





Management features		Performance	
Switch type *	Unmanaged	Mean time between failures (MTBF)	809853.3 h
Quality of Service (QoS) support	✓	Power	
Ports & interfaces		Power source *	PoE
Basic switching RJ-45 Ethernet ports	24	Power supply included *	✓
quantity *		AC input voltage	100 - 240 V
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input frequency	50/60 Hz
		Input current	8 - 4 A
Network		Power consumption (max)	578.8 W
Networking standards *	IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3p,	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
10G support *	IEEE 802.3u	Power over Ethernet plus (PoE+) ports quantity	24
Full duplex	✓	Power over Ethernet (PoE) power	60 W
Half duplex	<b>✓</b>	per port	
Auto MDI/MDI-X	✓	Total Power over Ethernet (PoE) budget	480 W
Data transmission		Operational conditions	
Switching capacity *	48 Gbit/s	Operating temperature (T-T)	0 - 50 °C
MAC address table *	8000 entries	Storage temperature (T-T)	-20 - 70 °C
Latency (1 Gbps)	12 μs	Operating relative humidity (H-H)	10 - 90%
Packet forwarding rate (1 Gbps)	1448000 pps	Operating altitude	0 - 3000 m
Design		Heat dissipation	1976.0232 BTU/h
Rack mounting *	1	Weight & dimensions	
Form factor	10	Width	390 mm
Product colour	Grey	Depth	220 mm
Housing material	Metal	Height	43 mm
LED indicators	Activity, Link, PoE	Weight	3.1 kg
Number of fans	2 fan(s)		





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## **Catalog Object Cloud**



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